

Abstract of the Disclosure

A system for interactively operating with a resistive touch screen for signaling that any physical control device applied to the touch screen has been touched. A field antenna extends about the perimeter of the touch screen to emit an EM field. Each physical control device includes a resonant antenna tuned to the EM field, and a simple switch on each physical control device completes the resonant antenna circuit only when the physical control device is touched by the user. The touch event may determine that a physical control device is being operated, and that all physical control devices should be turned ON, to the exclusion of other touch inputs to the touch screen. The LC resonant antenna may be incorporated in a pen wielded by a touch screen user, and the touch input may be used as a mouse click input.

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